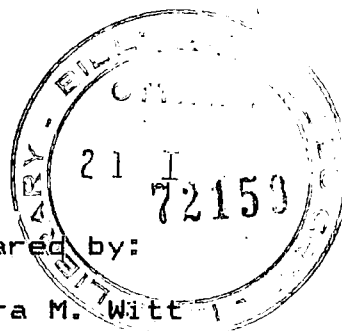


64381

IDRC-Lib
64381

INTERNATIONAL DEVELOPMENT RESEARCH CENTRE

A SELECTIVE BIBLIOGRAPHY OF THE SOCIAL SCIENCE ASPECTS OF DROUGHT IN
EAST AND WEST AFRICA.



Prepared by:

Sandra M. Witt

9 August 1985

~~FOR USE BY IDRC STAFF ONLY
A L'USAGE EXCLUSIF DU PERSONNEL
DU CRDI~~

ARCHIV
016(66:67)551.577.3
W 5

IDRC-doc. 466

INTRODUCTION

Although the literature available on drought is immense, most bibliographies on the subject concentrate on the physical and environmental aspects of drought. The general objective of this bibliography is to select and organize the literature on the social science aspects of drought in East or West Africa easily available to IDRC in Ottawa. As such, environmental and ecological-physical considerations are dealt with only in a secondary manner.

All the references included in this bibliography are concerned with particular social science aspects of drought in East and West Africa: i.e.: demography, population, migration, resettlement, health, social problems, economics, organization and distribution of food production, government policies, development plans, and international aid. A long publication time frame of 1970-1985 is used in order to include documentation on the 1973-1975 Sahel drought. Additional references from other parts of Africa with drought experience, have been included when thought useful. Newspaper articles and popular press items have been excluded.

The bibliography has been divided into seven categories in order to facilitate its use. These are: Overview/General, Health and Nutrition, Local Impact and Response, Economics/Political Economy, Population/Demography, Policy/Planning and Development, International Aid and Relief. The categories attempt to focus rather than explain the material. These divisions are by no means exclusive or exhaustive.

The bibliography has been compiled from systematic searches of the following data bases: IDRC, AID, FAO, ILO, UNIDO, UNESCO, DEVSIS, SALUS, SOCIAL SCIENCE, ERIC, and MEDLINE; visits to external libraries; and examination of research reports and bibliographies. The bibliography was compiled in one month.

Like all bibliographies, this bibliography is neither exhaustive nor eternal. Because of increased world attention, new literature appears almost daily. To partially compensate for this and to provide for further study, a list of bibliographies touching on the subject of drought in Africa and related issues is included. Special attention should be given to the Sahel Documentation Antenna at the Organization for Economic Co-operation and Development (OECD), in Paris. They have compiled bibliographies on the Sahel drought since 1976, with annual updates. Most of the over 5,000 references are available "on the spot".

Finally, I should point out that the rapid completion of this bibliography would not have been possible without the professional and thorough assistance of the librarians at IDRC.

Sandra M. Witt.

OVERVIEW/GENERAL STUDIES

- Akinwumi, J.A.; Atinmo, T.; and Semafuko, W.E., eds. African drought-causes, effects and long term solutions: proceedings of a seminar organized by African Students Association, Cornell University. Ithaca, N.Y.: Cornell University, 1975.
- Anderson, D. "Depression, dust bowl, demography, and drought-the colonial state and soil conservation in East-Africa during the 1930;s". African Affairs 83, 332(1984):321-343.
- Baker, R. "Crisis in the Sahel: causes and solutions." Appropriate Technology 1, 1(1975):19-21.
- Ball, N. "Understanding causes of African famine." Journal of Modern African Studies 14, 3(1976):517-522.
- Bantje, H. Flood and Famines, a study of food shortages in Rufiji District. Bureau of Resource Assessment and Land Use Planning Research Paper no. 63. Dar es Salaam: University of Dar es Salaam, 1980.
- Berry, L. "Environmental constraints and development policy." In Drought, famine and population movements in Africa, edited by J.L.Newman, pp.32-55. Syracuse, N.Y.: Syracuse University, 1975.
- Berry, L.; Campbell, D.; and Emker, I. "Trends in Man-Land Interaction in the West African Sahel." In Drought in Africa 2, edited by D.Dalby, R. Harrison-Church, and F. Bezzaz, pp.83-91. London: International African Institute, 1977.
- Boot, W. "Ethiopia-Feasting on Famine." Columbia Journalism Review 23, 6(1985):47-48.
- Bowden, M.; Murray, H.; and Watts, M. The Sahelian drought in perspective. London: International Disaster Institute, 1979.

- Brokensha, D.W.; Horowitz, M.M.; and Scudder, T. The Anthropology of rural development in the Sahel: proposals for research. Binghamton, N.Y.: Institute for Development Anthropology, Inc., 1977.
- Bullock, R.A. "Administrative approaches to the management of the dry margins of Kikuyuland, 1930-1970." In Drought, famine and population movements in Africa, edited by J.L. Newman, pp.56-74. Syracuse, N.Y.: Syracuse University, 1975.
- Caldwell, J.C. Food production and crisis in the West African savannah. Development Studies Centre Occasional Paper no.25. Canberra: Australian National University, 1981.
- Campbell, A.C. "The 1960's drought in Botswana." In Botswana drought symposium, edited by M.T.Hinchey, pp.98-109. Gaborone: Botswana Society and Clark University Press, 1979.
- Campbell, I. "Diagnosis of a famine: human mismanagement as a major factor in the Sahelian drought." Ekistics 39, 230(1975):26-29.
- Carter, J.P. Famine in Africa. Elmsford, N.Y.: Pergamon Press, 1982.
- Coetzee, D., and Harrigan, P. "Niger coup: why drought and uranium don't mix. Drought brings Niger to its knees." African Development 8, 6(1974):16-22.
- Cohn, T. "The Sahelian drought: problems of land use." International Journal 30, 3(1975):428-444.
- Cooke, H.J. "The problem with drought in Botswana." In Botswana drought symposium, edited by M.T.Hinchey, pp.7-20. Garborone: Botswana Society and Clark University Press, 1979.
- Copans, J., ed. Secheresse et famines du Sahel. 2 vols. Paris: Maspero, 1975.
- Currey, B., and Hugo, G., eds. Famine as a geographical phenomenon. Dordrecht, Holland: D.Reidel Publishing Co., 1984.

Cutler, P., and Stephenson, R.S. The State of disaster preparedness in Ethiopia. London: International Disaster Institute, 1984.

Dalby, D., and Harrison-Church, R.J., eds. Drought in Africa. London: University of London, School of Oriental and African Studies, 1973.

Dalby, D.; Harrison-Church, R.J.; and Bezzaz, F., eds. Drought in Africa 2. London: International African Institute, 1977.

Davidson, B. "Mass mobilization for national reconstruction in the Cape Verde Islands." Economic Geography 53, 4(1977):393-396.

Derrick, J. "Great West African drought, 1972-1974." African Affairs 76, 305(1977):537-589.

Derrick, J. "West Africa's worst year of famine." African Affairs 83, 332(1984):281-299.

DuBois, V.D. "Drought in West Africa. Part I. Evolution, causes and physical consequences." West Africa Series 15, 1(1974):2-15.

DuBois, V.D. "Drought in West Africa. Part II. Perception, evaluation and response." West Africa Series 15, 2(1974).

DuBois, V.D. "Drought in West Africa: temporary famine or chronic deficiency?" Common Ground 1, 3(1975):35-44.

Eicher, C.K. Faire face a la crise alimentaire de l'Afrique. Michigan State University International Development Working Paper no. 8. East Lansing, Mich.: Michigan State University, 1983.

Flood, G. "Nomadism and its future: the Afar." In Rehab: drought and famine in Africa, edited by A.M. Hussein, pp.64-66. London: International African Institute, 1976.

Fosbrooke, H.A. "Some sociological factors in the drought situation in Africa." In Drought in Africa, edited by D. Dalby and R.J. Harrison-Church, pp.98-102. London: School of Oriental African Studies, University of London, 1973.

- Ganzin, M. Summary report on the food and nutrition situation in the drought-stricken Sahelian zone. Rome: FAO, 1973.
- Garcia, R.V., and Escudero, J.C. Drought and Man vol. 2: Constant catastrophe: malnutrition, famines, and drought. Oxford: Pergamon Press, 1982.
- Giri, J. Sahel demain: catastrophe ou renaissance? Paris: Editions Karthala, 1983.
- Glantz, M.H. "Sahelian drought: no victory for anyone." Paper presented at the 17th African Studies Association Meetings, Chicago, Ill., 30 October 1974.
- Glantz, M.H., ed. The Politics of natural disaster: case of the Sahel drought. New York: Praeger Publishers, 1976.
- Glantz, M.H. "Nine fallacies of natural disaster: case of the Sahel." In The Politics of natural disaster, edited by M.H. Glantz, pp.3-24. New York: Praeger Publishers, 1976.
- Hesse, C.R. "An Evaluation of the 1984-1985 food situation in Burkina Faso." Disasters 9, 1(1985):3-11.
- Hewitt, K., ed. Interpretations of calamity from the viewpoint of human ecology. Boston: Allen and Unwin Inc., 1983.
- Hinchey, M.T. Botswana drought symposium: proceedings of symposium on drought in Botswana, June 5th-8th, 1978. Gaborone: Botswana Society and Clark University Press, 1979.
- Holt, J., and Seaman, J. "The Scope of the drought." In Rehab: drought and famine in Ethiopia edited by A.M. Hussein, pp.1-8. London: International African Institute, 1976.
- Houerou, H.N. "The Scapegoat." Ceres FAO Review 56 (1977):14-18.
- Hussein, A.M. "The Situation in the neighboring areas of Ethiopia." In ABAAR: The Somali drought, edited by I.M. Lewis, pp.20-23. London: International African Institute, 1975.

- Hussein, A.M. Rehab: drought and famine in Ethiopia. London: International African Institute, 1976.
- Kamrany, N.M. "Sahel drought-major development issues." Ekistics 43, 258(1977):314-319.
- Kassas, M. "Competition is not imperative. Settling land use rivalry in the Sahel." Ceres FAO Review 69 (1979):14-18.
- Langton, P. "Drought in South-East Sudan, January-July 1980." Disasters 6, 1(1982):16-20.
- Lewis, I.M. ABAAR. The Somali drought. London: International African Institute, 1975.
- Lewis, I.M. "The Drought in perspective." In ABAAR. The Somali drought, edited by I.M. Lewis, pp.1-7. London: International African Institute, 1975.
- Lundstrom, K.J. North-Eastern Ethiopia: society in famine: study of three social institutions in a period of severe strain. Research Report no.34. Uppsala: Scandinavian Institute of African Studies, 1976.
- McKerrow, R.J. "Drought in Ethiopia 1977/1979." Disasters 3, 2(1973):131-133.
- Marnham, P. Nomads of the Sahel. London: Minority Rights Group, 1977.
- Mbithi, P., and Wisner, B. "Drought and famine in Kenya." Journal of East African Research and Development 3, 2(1973):113-143.
- Morentz, J.W. "The making of an International event: communication and the drought in West Africa." Ph.D. dissertation, University of Pennsylvania, 1976.
- Oforisarpong, E. "The drought of 1970-1977 in Upper Volta." Singapore Journal of Tropical Geography 4, 1(1983):53-61.

- O'Keefe, P., and Wisner, B. "African drought-the state of the game." In African Environment: problems and perspectives, edited by P. Richards, pp. 31-39. London: International African Institute, 1975.
- O'Keefe, P. African drought-a review. Disaster Research Unit, Occasional Paper No. 8. Bradford: University of Bradford, 1975.
- Organization of African Unity. Famine in Africa: situation, cause, prevention, control. Rome: FAO, 1982.
- Paylore, P., and Haney, R.A., eds. Proceedings of the West Africa Conference. Tucson, Arizona: University of Arizona, 1976.
- Pitte, J.R. "Drought in Mauritania." Annales de Geographie 84, 466(1975):641-664.
- Povey, G. "Disaster in West Africa/ Desastre en Afrique de l'ouest." IDRC Reports 2, 4(1973):8-14.
- Povey, G. Hunger in Mali: a vast African country mobilizes against drought. Ottawa: IDRC, 1973.
- Prah, K.K. "Some sociological aspects of drought." In Botswana drought symposium, edited by M.T. Hinchey, pp.87-90. Gaborone: Botswana Society and Clark University Press, 1979.
- Preble, R.E. Helping Ghana search for water. Water and Sanitation for Health Field Report no.132. Arlington, Va.: WASH, 1984.
- Prothero, M. "Some perspectives on drought in Northwest Nigeria." African Affairs 73, 291(1974):162-177.
- Richards, P. African Environment: problems and perspectives. London: International African Institute, 1975.
- Salifou, A. "Quand l'histoire se repete: la famine de 1931 au Niger." Environnement Africain 1, 2(1975).

Scott, J. Millions will starve: a report on the population/food problem of eleven of the world's nations currently suffering severe food shortages. Rome: FAO, 1975.

Shears, P. "Drought in South-Eastern Ethiopia." In Rehab: drought and famine in Africa, edited by A.M. Hussein, pp.89-96. London: International African Institute, 1976.

Thomas, M., and Des Bouvrie, C. Investigation into the magnitude of drought conditions in the Sahelian zone: Mali, Niger, Upper Volta. Rome: FAO, 1973.

Toupet, C. "La grande secheresse en Mauritanie." In Drought in Africa 2, edited by D.Dalby, R.J.Harrison-Church, and F.Bezzaz, pp109-113. London: International African Institute, 1977.

United Nations Disaster Relief Office. Natural Hazards in Africa: working paper for ECA/OAU/UNDRO meeting on natural disaster prevention and preparedness. Geneva: UNDRO, 1984.

U.S. Congress. House of Representatives. The drought crisis in the African Sahel. Washington, D.C.: U.S. Government Printing Office, 1973.

U.S. Congress. Senate. Drought and famine in West Africa. Washington, D.C.: U.S. Government Printing Office, 1973.

U.S. Department of State. Drought damage and famine in Sub-sahara Africa. Special Report, no.10. Washington, D.C.: Bureau of Public Affairs, 1974.

Van Apeldoorn, G.J., ed. The Aftermath of the 1972-1974 drought in Nigeria. Zaria: Centre for Social Science and Economic Research, Ahmadu Bello University, 1977.

Vankrunkelsven, J. "Sahel 1974, la secheresse en Haute-Volta." Projet 85 (1974):591-595.

Vermeer, D.E. "Food problems and potentials for Africa: environmental and demographic matrices." Paper presented at 17th African Studies Association Annual Meeting, Chicago, Ill., 30 October 1974.

- Watts, M. "On the poverty of theory: natural hazards research in context." In Interpretations of a calamity from the viewpoint of human ecology, edited by K. Hewitt, pp.231-262. Boston: Allen and Unwin Inc., 1983.
- White, F.G., ed. Natural Hazards: local, national, global. London: Oxford University Press, 1974.
- Wijkman, A., and Timberlake, L. Natural disasters: acts of God or acts of Man. Washington, D.C.: Earthscan Paperbacks, 1984.
- Wilhelm, L. Risque de famine au Sahel: revue de la literature. Geneva: Institute de Recherche des Nations Unies pour le developpement social, 1978.
- Wily, E. "An Aspect of warning system for drought: information collecting in the Districts." In Botswana drought symposium, edited by M.T. Hinchey, pp.211-218. Gaborone: Botswana Society and Clark University Press, 1979.
- Zewde, B. "Historical outlook of famine in Ethiopia." In Rehab: drought and famine in Ethiopia, edited by A.M.Hussein, pp.52-57. London: International African Institute, 1976.

HEALTH and NUTRITION

- Aall, C., and Helsing, E. "The Sahelian drought: proposals for a supporting programme in Niger for food provision, nutrition rehabilitation and malnutrition prevention." *Journal of Tropical Pediatrics* 20, 6(1974):303-329.
- Aall, C., and Helsing, E. "The Sahelian drought II: Experiences from a supporting programme in Niger for food provision, nutrition rehabilitation, prevention of malnutrition." *Journal of Tropical Pediatrics* 22, 2(1976):69-93.
- Abbas, A.S. *Health and nutrition aspect of the drought in Somalia*. Mogadisho, Somalia: Ministry of Health, 1978.
- Belete, S; Gebre-Medhin, M.; Hailemariam, B.; Maffi, M.; Vahlquist, B.; and Wolde-Gebriel, Z. "Famine in Ethiopia: I. Study of Shelter population in the Wolla region." *Journal of Tropical Pediatrics* 23, 1(1977):15-22.
- Biellik, R.J., and Henderson, P.L. "Mortality, nutritional status, and diet during the famine in Karamoja, Uganda, 1980." *Lancet*, 12 December 1981, pp.1330-1333.
- Bliatout, T.; Mengiste, G.; and Nakamura, P. *Health in Ethiopia*. Comparative Public Health Systems Monograph Series, no.3. Honolulu: University of Hawaii, 1974.
- Brun, T. "Manifestations nutritionnelles et medicales de la famine." In *Secheresses et famines du Sahel*, vol. 1, edited by J. Copans, pp.75-108. Paris: Maspero, 1975.
- Camara, B.I. "Effets de la secheresse: experience du Niger." *Annales de Societe Belge de Medicine Tropical* 56 (1976):293-304.
- Capone, C.; Jacob, F.; and O'Laughlin, A. "Catholic Relief services: nutrition intervention program for the drought areas of Kenya (1975-1976)." *Disasters* 2, 4(1978):255-258.

- Centre for Disease Control. "Evaluation of drought-related acute-
undernutrition-Mauritania 1983." Morbidity and Mortality Weekly
Report 33, 40(1984):566-567.
- Centre de Recherches pour le Developpement International. Etat
nutritionnel de la population rurale du Sahel: rapport d'un group
de travail, Paris, Avril, 1981. Ottawa, Ont.: CRDI, 1981.
- Chabasse, D.; Roure, C.; Rhaly, A.A.; Ranque, P. "Evaluation de
l'etat sanitaire des populations nomads et semi-nomads du
Gourma-Mali: approche epidemiologique." Medicine Tropicque 43,
2(1983):121-126.
- Cohen, N. "Nutritional status and pressure on populations in the
Awash Valley and Hararghe mountains, Ethiopia." Disasters 1,
1(1977):56-61.
- Davis, L.E. "Epidemiology of famine in the Nigerian crisis: rapid
evaluation of malnutrition by height and arm circumference in
large populations." American Journal of Clinical Nutrition 24,
3(1971):358-364.
- de Ville de Goyet, C., and Lechat, M.F. "Les activites de sante
prioritaires dans les camps de refugies." Reviste Epidemiologue de
Sante Publique 25, 2(1977):99-106.
- Dillon, J.C., and Lajoie, N. Rapport sur l'evaluation de la
situation nutritionnelle des populations rurales du Sahel a la
lumiere des enquetes entre 1960 et 1979. Ottawa, Ont.: CRDI,
1980.
- Escudero, J.C. "Health levels in the Sahel and incidence of the
1972 drought." In The Constant catastrophe: malnutrition,
famines and drought, edited by R.V. Garcia, pp. 82-89. Oxford:
Pergamon Press, 1982.
- Ganzin, M., and Cresta, A.M. Effets de la secheresse sur l'alimen-
tation et aide alimentaire au Senegal. Rome: FAO, 1973.
- Gebre-Medhin, M., and Vahlquist, B. "Famine in Ethiopia--period
1973-1975." Nutrition Reviews 35, 8(1977):194-202.

Gebre-Medhin, M., and Vahlquist, B. "Famine in Ethiopia--a brief review." American Journal of Clinical Nutrition 29, 9(1976):1016-1020.

Gebre-Medhin, M. "Famine in Ethiopia: II. Sequence of events, model of a consolidated food and nutrition information system (early warning system)." Journal of Tropical Pediatrics 23, 1(1977):23-28.

Gebre-Medhin, M.; Hay, R.; Licke, Y.; and Maffi, M. "Famine in Ethiopia: III. Initial experience of a consolidated food and nutrition information system. Analysis of data from the Ogaden area." Journal of Tropical Pediatrics 23, 1(1977):29-36.

Greene, M. "Impact of the Sahelian drought in Mauritania, West Africa." Lancet 1 June 1974, pp.1093-1097.

Henderson, P.L., and Beillick, R.J. "Comparative nutrition and health services for victims of drought and hostilities in the Ogaden: Somalia and Ethiopia, 1980-1981." International Journal of Health Services 13, 2(1983):289-306.

Hill, A.G., ed. Population, health and nutrition in the Sahel. London: KPI Ltd., 1985.

Hogan, R.; Broske, S.P.; Davis, J.P.; Eckerson, D.; Epler, G.; Guyer, B.J.; Kloth, T.J.; Kloth, C.A.; Ross, R.; Rosenberg, R.L.; Staehling, N.W.; and Lane, J.M. "Sahel nutrition surveys 1974 and 1975." Disasters 1, 2(1977):117-124.

Holt, J.F.; Seaman J.; and Rivers, J.P. "The Ethiopian famine of 1973-4. 2. Harerge province." Proceedings of the Nutrition Society 34, 3(1975):115A-116A.

Imperato, P.J. Effects of the recent drought on the delivery of health services to nomads in the West African Sahel. Washington, D.C.: American Public Health Association, 1974.

Imperato, P.J. "Nomads of the West African Sahel and the delivery of health services to them." Social Science and Medicine 8, 8(1974): 443-457.

Imperato, P.J. "Health care systems in the Sahel: before and after the drought." In The Politics of Natural Disaster, edited by M.H. Glantz, pp. 283-302. New York: Praeger Publishers, 1976.

Intech, Inc. Nutrition strategy in the Sahel, final report. Washington D.C.: USAID, 1977.

Jobin, W.R.; Negron-Aponte, H.; and Michelson, E.H. "Schistosomiasis in the Gorgol Valley of Mauritania." American Journal of Tropical Medicine and Hygiene 25, 4(1976):587-594.

Joseph, S.C., and Scheyer, C. Une Strategie de sante, composante du programme de developpement du Sahel. Washington D.C.: Family Health Care Inc., 1977.

Kloth, T.I.; Burr, W.A.; Davis, J.P.; Epler, G.; Kloff, C.A.; Rosenberg, R.L.; Staehling, N.W.; Lane, J.M.; and Nichaman, M.Z. "Sahel nutrition survey-1974." American Journal of Epidemiology 103, 4(1976):383-390.

Kreysler, J. "Nutrition surveillance in Botswana as a method of planning the prevention of hunger situations." In Botswana drought symposium, edited by M.H.Hinchey, pp. 221-231. Gaborone: Botswana Society and Clark University Press, 1979.

Kustner, H.G.; Whitehorn, R.; Wittmer, H.; Hignett, V.M.; Rawlinson, J.L.; Raubenheimer, W.J.; and Van der Merwe, C.A. "Weight-for-height nutrition surveys in rural Kwazulu and Natal, July 1983." South Africa Medical Journal 65, 12(1984):470-474.

Latham, M.C., and Westley, S.B., eds. Nutrition planning and policy for African countries. Summary report of a seminar held at the Institute for Development Studies (Nairobi, Kenya, June 2-19, 1976). Cornell International Monograph Series, no. 5. Ithaca, N.Y.: Cornell University, 1977.

Latham, M.C. "Nutritional and health aspects of famine resulting from drought in Africa." In African drought: causes, effects and long-term solutions, edited by J.A. Akinwuni, T. Atinmo, and W.E. Semafuko, pp.4-10. Ithaca, N.Y.: African Studies and Research Center, Cornell University, 1975.

- Martin-Samos, F., and Kersauze, R. Elements de strategie: Sante-eau-nutrition dans le cadre d'un developpement socio-economique harmonieux des pays du Sahel. Ouagadougou: Clube des amis du Sahel/CILSS, 1977.
- Mason, J.B.; Hay, R.W.; Holt, J.; Seaman J.; and Bowden, M.R. "Nutritional lessons from the Ethiopian drought." Nature 248 (1974): 646-650.
- Menu, J.P., and Stankov, F. Report on a mission to evaluate the consequences of drought on health and sanitation in six countries of the Sahel, Jul 1 to August 1, 1973. Ann Arbor, Mich.: Sahel Documentation, University of Michigan, 1981.
- Mgaza, D. Nutritional problems and policy in Tanzania. Cornell International Nutrition Monograph Series, no. 7. Ithaca, N.Y.: Cornell University, 1980.
- Miller, D.S., Holt, J.F. "The Ethiopian famine." Proceedings of the Nutrition Society 34, 3(1975):167-172.
- Miller, J.C. "The significance of drought, disease and famine in the agriculturally marginal zones of West-Central Africa." Journal of African History 23, 1(1982):17-61.
- Murray, M.J.; Murray, A.B.; Murray, M.B.; and Murray, C.J. "Somali food shelters in the Ogaden famine and their impact on health." Lancet, 12 June 1976, pp.1283-1285.
- Nicoll, A.M. "Ethiopia 1974-some medical impressions." New Zealand Medical Journal 82(1975):346-348.
- Nkamany, K.; Glass, R.; Schamper, J. "The Consequences of the drought in Bas-Zaïre, 1978." Disasters 4, 1(1980):55-64.
- O'Keefe, S.J. "Malnutrition among adult hospitalized patients in Zululand during the drought of 1983." South Africa Medical Journal 64, 16(1983):628-629.

- Preble, R.E. Effect of drought conditions upon village water supply and public health in Mauritania. Water and Sanitation for Health Project Field Report no. 112. Arlington, Va.: WASH, 1984.
- Rivers, J.P.; Holt, J.F.; Seaman, J.A.; and Bowden, M.R. "Lessons for epidemiology from the Ethiopian famines." Annales de la Societe Belge de Medicine Tropicale 56, 4-5(1976):345-360.
- Roboff, F.V. "The Moving target: health status of nomadic peoples." Economic Geography 53, 4(1977):421-428.
- Sagnet, H.; Thomas, J.; Vovan, L.; Josserand, C.; Marie-Nelly, A.; and Orsini, A. "Resultats d'une enquete de depistage de la depanocytose chez 1070 enfants presentant un kwashiorkor de famine." Pediatric 26, 6(1971):611-617.
- Saint Andre, P.; Baquillon, G.; and Ferracci, C. "Secheresse, famine et evolution lepromateuse." Acta Leprol 76-77 (1979):117-118.
- Sawadogo, P. Medico-nutritionnelle des nomades refoules par la secheresse. Programme formation pour l'environnement. Dakar: IDEP-UNEP-SIDA, 1974.
- Seaman, J.; Holt, J.; Rivers, J.; and Murlis, J. "An inquiry into the drought situation in Upper Volta." Lancet, 6 October 1973, pp.774-778.
- Seaman, J.; and Holt, J. Harerghe under drought: a survey of effects of drought upon human nutrition in Harerghe Province. London International Disasters Institute, 1974.
- Seaman, J.; and Holt, J.F. "The Ethiopian famine of 1973-4. 1. Wollo Province." Proceedings of the Nutrition Society 34, 3(1975): 114A-115A.
- Seaman, J.; Holt, J.; and Rivers, J. "Effects of drought on human nutrition in an Ethiopian province." International Journal of Epidemiology 7, 1(1978):31-40.

Tadesse, K. "Health problems resulting from famine." In Rehab: drought and famine in Ethiopia, edited by A.M.Hussein, pp.59-63. London: International African Institute, 1976.

Wilbrandt, H., and Jentzch, E.G. "Nutritional problems as viewed by a socio-economist." In Drought in Africa, edited by D.Dalby and R.J.Harrison-Church, pp.107-111. London: School of Oriental and African Studies, University of London, 1973.

Wooldridge, R. "Nursing in a famine." Nursing Times, February 1976, pp.166-167.

LOCAL IMPACT AND RESPONSE

- Abeille, B. Study of female life in Mauritania. Washington, D.C.: USAID, 1979
- Arecchi, A., and Arkown, M. "Villages socialistes en Afrique: Somalie, Tanzanie, Mozambique, Algerie." Environnement Africain 76 (1982):2-90.
- Baier, S., and King, D. "Drought and the development of Sahelian economies: case study of Hausa-Tuareg Interdependence." Land Tenure Centre Newsletter 45 (1974):11-22.
- Berg, E. "Coping with drought in Africa." In Proceedings of the West Africa conference, edited by P.Paylore, and R.A. Haney, pp.36-43. Tuscon: University of Arizona, 1976.
- Bernus, E. "Les eleveurs face a la secheresse en Afrique Sahelienne: exemples Nigeriens." In Drought in Africa 2, edited by D.Dalby, R. Harrison-Church, and F.Bezzaz, pp.140-147. London: International African Institute, 1977.
- Bernus, E. "Famines et secheresses chez les Touaregs Sahelienne: les nourritures de substitution." Africa 50, 1(1980):1-7.
- Berry, L.; Hankins, T.;Kates, R.W.; Maki, L.; and Porter, P. Human adjustment to agricultural drought in Tanzania. Natural Hazards Research Working Paper no.19. Toronto: University of Toronto, 1971.
- Braun, A. "A collective discipline-Mali." Ceres FAO Review 69 (1979):19-24.
- Bugnicourt, J. "Trois possibilites pour les pasteur Saheliens." Nomadic Peoples 11 (1982):1-7.
- Campbell, D.J., and Trechter, D.D. "Strategies for coping with food consumption shortage in the Mandara Mountains region of north Cameroon." Social Science and Medicine 16, 24(1982):2117-2127.

Campbell, D.J. "Response to drought among farmers and herders in southern Kajiado district, Kenya." Human Ecology 12, 1(1984):35-64.

Copans, J. "La secheresse en pays mouride(Senegal): explications et reactions ideologiques paysannes." In Secheresse et famines du Sahel vol.II, edited by J.Copans, pp.102-116. Paris: Maspéro, 1975.

Dahl, G., and Hjort, A. Pastoral change and the role of drought. SAREC report no.2. Stockholm: Swedish Agency for Research Cooperation with Developing Countries, 1979.

Derman, W. "Metropolis and periphery, drought and famine: the case of Sahel." Paper presented at American Anthropology Association Meeting, San Francisco, Cal. 2 December 1975.

Devitt, P. "Notes on some social aspects of drought in pastoral areas of Africa, an opportunity for radical rethink." In Drought in Africa, edited by D.Dalby and R.J.Harrison-Church, pp.103-106. London: School of Oriental and African Studies, University of London, 1973.

Devitt, P. "Coping with drought in the Kalahari." In Drought in Africa 2, edited by D.Dalby, R.J.Harrison-Church, and F.Bezzaz, pp.186-199. London: International African Institute, 1977.

Devitt, P. "Drought and poverty." In Botswana drought symposium, edited by M.T.Hinchey, pp.121-127. Gaborone: Botswana Society and Clark University Press, 1979.

Dupree, H., and Wolf, R. "Coping with drought in a preindustrial, preliterate farming society." In Natural Hazards: local, national, global, edited by G.F.White, pp.115-119. New York: Oxford University Press Inc., 1974.

Faulkingham, R.H. "Ecologic constraints and subsistence strategies: the impact of drought in a Hausa village, a case study from Niger." In Drought in Africa 2, edited by D.Dalby, R.J.Harrison-Church, and F.Bezzaz, pp.148-159. London: International African Institute, 1977.

Faulkingham, R.H. "Subsistence strategies of Hausa farmers under drought conditions." In Colloquium on the effects of drought on the productive strategies of Sudano-Sahelian herdsman and farmers, edited by M.M.Horowitz, pp.148-158. Binghamton, N.Y.: Institute for Development Anthropology, 1976.

- Ford, R.E. "Subsistence farming systems in semi-arid northern Yatenga(Upper Volta)." Ph.D. dissertation, University of California, Riverside, 1982.
- Hall, S.J. "Using case studies to teach about global issues, the Sahel: the 'shore' of disaster." Social Education 38, 7(1974) :659-661.
- Hankins, T.D. "Response to drought in Sukumaland, Tanzania." In Natural hazards: local, national, global, edited by G.F.White, pp.98-104. New York: Oxford University Press Inc., 1974.
- Hitchcock, R.K. "The Traditional response to drought." In Botswana drought symposium, edited by M.T.Hinchey, pp. 91-97. Gaborone: Botswana Society and Clark University Press, 1979.
- Hogg, R. "Pastoralism and improvishment: case of the Isiolo Boran of Northern Kenya." Disasters 4, 3(1980):299-310.
- Hogg, R. "The Politics of drought: the pauperization of Isiolo Boran." Disasters 9, 1(1985):39-43.
- Holy, L. "Drought and change in tribal economy: the Berti of North Darfur." Disasters 4, 1(1980):65-71.
- Horowitz, M.M., ed. Colloquim on the effects of drought on the productive strategies of Sudano-Sahelian herdsmen and farmers. Binghamton, N.Y.: Institute for Development Anthropology, Inc., 1976.
- Horowitz, M.M. "Sahelian pastoral adaptive strategies before and after drought." In Proceedings of the West Africa conference, edited by P.Paylore and R.A.Haney, pp.26-35. Tuscon: University of Arizona, 1976.
- Johnson, D. The Response of pastoral nomads to drought in the absence of outside intervention. New York: UN Special Sahel Office, 1973.
- Lallemand, S. "La secheresse dans un village mossi de haute-volta." In Secheresse et famines du Sahel vol.II, edited by J.Copans, pp.44-61. Paris: Maspero, 1975.

- Laya, D. "Interviews with farmers and livestock owners in the Sahel." African Environment 1 (1975):49-93.
- Lericollais, A. "La secheresse et les populations de la vallee du Senegal." In La desertification au sud du Sahara. Colloque de Nouakchott 17 December 1973, pp.111-116. Dakar: Les Nouvelles Editions Africaines, 1974.
- Merryman, J.L. "Ecological stress and adaptive response: the Kenya Somali in the twentieth century." Ph.D. dissertation, Northwestern University, 1984.
- Merryman, N.H. "Household strategies of transitional Somali pastoralists in Northern Kenya." Ph.D. dissertation, Northwestern University, 1984.
- Morren, G.E. "The Bushmen and the British: problems of the identification of drought and responses to drought." In Interpretations of calamity from the viewpoint of human ecology, edited by K.Hewitt, pp.44-65. Boston: Allen and Unwin Inc., 1983.
- Nicolas, G. "Remarques sur divers facteurs socio-economique de la famine au sein d'une societe Sub-saharienne." In Drought in Africa 2, edited by D.Dalby, R.J.Harrison-Church, and F.Bezzaz, pp.159-169. London: International African Institute, 1977.
- Njeru, E.H. "The Farming herders: irrigation, reciprocity and marriage among the Turkana pastoralists of North-Western Kenya." Ph.D. dissertation, University of California, Santa Barbara, 1984.
- Oguntoinbo, J.S., and Richards, P. "Peasant farmer responses to drought conditions in West Africa: case studies of the 1973 drought in Nigeria." In The Aftermath of the 1972-1974 drought in Nigeria, edited by G.J.Van Apeldoorn, pp.26-36. Zaria: Centre for Social Science and Research, Ahmadu Bello University, 1977.
- Oguntoyinbo, J.S., and Richards, P. "Drought and the Nigerian farmer." Journal of Arid Environment 1, 2(1978):165-194.
- O'Leary, M. "Responses to drought in Kitui district, Kenya." Disasters 4, 3(1980):315-327.

- Pitte, J.R. "Les consequences humaines de la secheresse recente en Mauritanie." In La desertification au sud du Sahara. Colloque de Nouakchott, 17 December 1973, pp.106-110. Dakar: Les Nouvelles Editions Africaines, 1974.
- Republic of Mauritania. Social Change: the future of pastoralism. Nouakchott, Mauritania: Ministry of Economics and Finance, 1980.
- Santoir, C. Les societes pastorales du Senegal face a la secheresse(1972-73): reactions a la crise et degre de retablissement deux ans apres le cas des peul du Galodjina. Dakar: Centre ORSTOM, 1976.
- Silberbauer, G.B. "Social hibernation: the response of the G/wi Band to seasonal drought." In Botswana drought symposium, edited by M.T.Hinchey, pp.112-120. Gaborone: Botswana Society and Clark University Press, 1979.
- Skinner, E.F. New adaptive social mechanisms evolving among three Sahelian populations affected by the drought: Senegal, Niger, Upper Volta. Washington, D.C.: African-American Scholars Council, 1978.
- Smale, M. Women in Mauritania: the effects of drought and migration on their economic status and implications for development programs. Washington, D.C.: USAID, 1980.
- Sutter, J.W. "Commercial strategies, drought, and monetary pressure: Wo'daa'be nomads of Tanout arrondissement, Niger." Nomadic People 11 (1982):26-60.
- Swift, J. "Disaster in a Sahelian nomad economy." In Drought in Africa, edited by D.Dalby and R.J.Harrison-Church, pp.71-78. London: School of Oriental and African Studies, University of London, 1973.
- Swift, J. "Sahelian pastoralists-underdevelopment, desertification, and famine." Annual Review of Anthropology 6 (1977):475-478.
- Turton, D. "Response to drought: the Mursai of southwestern Ethiopia." Disasters 1, 4(1977):275-287.

- Ware, T.A. "Wolof farmers and Fulani herders: case study of drought adaptation in the Diourbel region of Senegal." Ph.D. dissertation, University of Michigan, 1979.
- Watts, M.J. "The Political-economy of climatic hazards: a village perspective on drought and peasant economy in a semi-arid region of West Africa." *Cahiers d'etudes Africaines* 23, 1-2(1983):37-72.
- Wienpahl, J. "Livestock production and social organization among the Turkana." Ph.D. dissertation, University of Arizona, 1984.
- Wisner, B., and Mbithi, P. "Drought in Eastern Kenya: nutritional status and farmer activity." In Natural hazards: local, national, global, edited by G.F.White, pp.87-97. New York: Oxford University Press Inc., 1974.
- Wisner, B. An overview of drought in Kenya. Natural Hazards Research Working Paper no.30. Boulder, Col.: University of Colorado, 1976.
- Wisner, B. "Construction of a livelihood system: the peasants of Tharaka division, Meru district, Kenya." *Economic Geography* 53, 4(1977):376-380.
- Wisner, B. "The Human ecology of drought in Eastern Kenya." Ph.D. dissertation, Clark University, 1978.
- Wood, J., and Knight, C.G. "Cross-cultural perspectives on human adjustment to arid margins." In Drought, famine and population movements in Africa, edited by J.L.Newman, pp.75-119. Syracuse N.Y.: Syracuse University, 1975.

ECONOMICS/POLITICAL ECONOMY

- Amin, S. "Alternative strategies for development: industrialization in the service of agriculture." *Ceres FAO Review* 14, 5(1981):27-32.
- Ayalew, S. "The Ethiopian farmers of the 1970's: living conditions in Ethiopia." In *Constant catastrophe: malnutrition, famines and drought*, edited by R.V.Garcia, and J.C.Escudero, pp.89-101. New York: Pergamon Press, 1982.
- Baier, S. "Economic history and development: drought and Sahelian economies of Niger." *African Economic History* 1 (1976):1-16.
- Baier, S. *Economic History of Central Niger*. Oxford: Clarendon Press, 1980.
- Ball, N. "Drought and dependence in Sahel." *International Journal of Health Services* 8, 2(1978):271-298.
- Berg, E. *Recent economic evolution of the Sahel*. Ann Arbor: University of Michigan, 1975.
- Berg, E. *Economic impact of drought and inflation in the Sahel*. Center for Research on Economic Development no.51. Ann Arbor, Michigan: University of Michigan, 1976.
- Bonte, P. "Pastures et nomades l'exemple de la Mauritanie." In *Secheresse et famines du Sahel* vol.II, edited by J.Copans, pp.62-86. Paris: Maspero, 1975.
- Cliffe, L. "Feudalism, capitalism and famine in Ethiopia." *Review of African Political Economy* 1 (1974):34-40.
- Comite Information Sahel. *Qui se nourrit de la famine en Afrique?* Paris: Maspero, 1974.
- Copans, J. "Droughts, famines and the evolution of Senegal (1966-1978)." *Mass Emergencies* 4, 2(1979):87-93.

Copans, J. "The Sahelian drought: social sciences and the political economy of underdevelopment." In Interpretations of calamity from the viewpoint of human ecology, edited by K.Hewitt, pp.83-98. Boston: Allen and Unwin Inc., 1983.

Derriennic, H.F. Famines et dominations en Afrique noire: paysans et eleveurs sous la joug. Paris: Harmattan, 1977.

Ensminger, J.E. "Political economy among the pastoral Galole Orma: the effects of market integration(Kenya)." Ph.D. dissertation, Northwestern University, 1984.

Franke, R.W., and Chasin, B. Political economy of ecological destruction: drought, famine and development in the West African Sahel. Montclair, N.J.: Allanheld, Osmum and Co., 1979.

Franke, R.W., and Chasin, B. Peanuts, profits and pastoralists. African Environment Occasional Paper no.54. London: ENDA/ International African Institute, 1980.

Franke, R.W., and Chasin B.H. Seeds of famine: ecological destruction and the development dilemma in the West African Sahel. Montclair, N.J.: Allanheld, Osmum and Co., 1981.

Hussein, A.M. "Political economy of the famine in Ethiopia." In Rehab: drought and famine in Ethiopia, edited by A.M.Hussein, pp.9-43. London: International African Institute, 1976.

Lofchie, M.F. "Political and economic origins of African Hunger." Journal of Modern African Studies 13, 4(1975):551-567.

Lovejoy, P.E., and Baier, S. "Desert-side economy of the Central Sudan." In The Politics of natural disaster, edited by M.Glantz, pp.145-175. New York: Praeger Publishers, 1976.

Meillassioux, C. "Sahelian famine:politics of disaster?" Review of African Political Economy 2 (1974).

Messiant, C. "La situation sociale et materielle des populations." In Secheresse et famines du Sahel vol.I, edited by J.Copans, pp.61-73. Paris: Maspero, 1975.

Monod, T., ed. Pastoralism and development in Africa. London: Oxford University Press, 1975.

Muzaale, P.J. "Famine and hunger in rural East Africa: analysis and intervention." D.S.W. dissertation, University of California, Berkeley, 1980.

OECD Observer. "Sahel: time for a new approach." OECD Observer 79 (1976):8-13.

Olatunbosun, D. "Social economic analysis of the Sudano-Sahelian drought." In African drought: causes, effects and long-term solutions, edited by J.A.Akinwuni, T.Atinmo, and W.E.Semafuko, pp.34-39. Ithaca, N.Y.: African Studies and Research Centre, Cornell University, 1975.

Olufolaju, M.B. "Economic strategies for drought vulnerable areas of the world." Ph.D. dissertation, University of Nebraska, Lincoln, 1982.

Ormerod, W.E. "Drought in the Sahel: debt side of development?" Tropical Doctor 6, 4(1976):163-167.

Ormieres, J.L. "Les consequences politiques de la famine." In Secheresse et famines du Sahel vol I, edited by J.Copans, pp.131-145. Paris: Maspero, 1975.

Piche, V., and Gregory, J. "Pour une mise en contexte de la famine: le cas du Liptako-Gourma." In Drought in Africa 2, edited by D.Dalby, R.J.Harrison-Church, and F.Bezzaz, pp.170-185. London: International African Institute, 1977.

Raynault, C. "Aspects socio-economique de la circulation de la nourriture dans un village Hausa(Niger)." Cahier d'etudes Africaines 17 (1977):569-597.

Sano, H.O. Political economy of food in Nigeria 1960-1982: a discussion on peasants, state, and world economy. Uppsala: Scandinavian Institute of African Studies, 1983.

Schwab, P. "Political change and famine in Ethiopia." Current History 84, 502(1985):221.

Sen, A. Poverty and famines: as essay on entitlement and deprivation. Oxford: Clarendon Press, 1981.

Shaw, A. "Drought may deal blow to feudal land system." African Development 8, 5(1974):27-29.

Shepard, J. Politics of starvation. New York: Carnegie Endowment for International Peace, 1975.

Spencer, P. "Drought and the commitment to growth." African Affairs 73, 291(1974):419-427.

Van Apeldoorn, G.J. Perspectives on drought and famine in Nigeria. London: George Allen and Unwin, 1981.

Watts, M.J. "Etiology of Hunger: evolution of famine in a Sudano-Saharan region." Mass Emergencies 4, 2(1979):95-104.

Watts, M.J. "A Silent revolution: the changing character of food production and the nature of famine in Northern Nigeria." Ph.D. dissertation, University of Michigan, 1979.

Watts, M. Silent violence: food, famine and peasantry in Northern Nigeria. Berkeley: University of California Press, 1983.

Wisner, B. Man-made famine in Eastern Kenya: the interrelationship of environment and development. Brighton, U.K.: Institute of Development Studies, 1976.

Yaguibou, T. Sahel: secheresse et perspectives de developpement. Ottawa, Ont.: Institut de Cooperation Internationale, Universite d'Ottawa, 1973.

POPULATION/DEMOGRAPHY

American Friends Service Committee. In Aicha nomad village. Philadelphia, Pa.: American Friends Service Committee, 1982.

Boutrais, J. "Une consequence de la secheresse: les migrations d'eleveurs vers les plateaux Camerounais." In Drought in Africa 2, edited by D.Dalby, R.J.Harrison-Church, and F.Bezzaz, pp.127-139. London: International African Institute, 1977.

Bugnicourt, J. Une peuple prive de son environnement. Dakar: Programme Formation Pour l'environnement, Institute Africain de Developpement Economique et de Planification/ UNEP/ SIDA, 1974.

Caldwell, J.C. The Sahelian drought and its' demographic implications. Overseas Liaison Committee Occasional Paper no.8. Washington, D.C.: American Council on Education, 1975.

Caldwell, J.C. "Demographic aspects of drought: an examination of the African drought of 1970-1974." In Drought in Africa 2, edited by D.Dalby, R.J.Harrison-Church, and F.Bezzaz, p.93-100. London: International African Institute, 1977.

Campbell, D. "Strategies for coping with drought in the Sahel: a study of recent population movements in the Department of Maradi, Niger." Ph.D. dissertation, Clark University, 1977.

Cleveland, D.A. "The Population dynamics of subsistence agriculture in the West African Savanna: a village in Northeast Ghana." Ph.D. dissertation, University of Arizona, 1980.

Dubois, V.D. "The Drought in Niger: the flight of the Malin Tuareg." West Africa Series 15, 6(1974).

Dussauze, L.E. "Une capitale de la secheresse investie par les bidonvilles." Les Carnets de l'Enfance 26 (1974):73-89.

- Faulkingham, R.H., and Thorbahn, P.F. "Demographic impact of drought: an ecosystemic study of a village in Niger." Paper presented 17th African Studies Association Meeting, Chicago, Ill., 30 October 1974.
- Faulkingham, R.E., and Thorbahn, P. "Population dynamics and drought: a village in Niger." Population Studies 29, 3(1975):463-480.
- Franke, R.W. "Modes of production and population patterns: policy implications for West African development." International Journal of Health Services 11, 3(1981):361-387.
- Mascarenhas, A. "Resettlement and desertification: the Wogago of Dadoma district, Tanzania." Economic Geography 57, 4(1977): 376-380.
- Poncet, Y. Secheresse en Afrique Sahelienne: une etude micro-regionale en Republique du Niger, la region des Dallois. Paris: OECD, 1974.
- Republic of Mauritania. Studies in social change: population movements and migrations in Mauritania. Nouachott, M.R.: Ministry of Economics and Finance, 1980.
- Rutherford, G., and Maqhanjane, A.E. "Morbidity and mortality in the Mozambican famine of 1983: prevalence of malnutrition and causes and rates of death and illness among dislocated persons in Gaza and Inhambane provinces." Journal of Tropical Pediatrics 31(1985): 143-149.
- Sow, F. "Migrations et urbanisation au Senegal." Bulletin de l'Institut Fondamental D'Afrique Noire 42, 1(1980):146-197.
- Turton, D., and Turton, P. "Spontaneous resettlement after drought: an Ethiopian example." Disasters 8, 3(1984):178-189.
- Webster, J.B. "Drought and migration: the Lake Malawi littoral as a region of refuge." In Botswana drought symposium, edited by M.T.Hinchey, pp.148-157. Gaborone: Botswana Society and Clark University Press, 1979.

Wisner, B. "An example of drought-induced settlement in Northern Kenya." In ABAAR: the Somali drought, edited by I.M.Lewis, pp.24-25. London: International African Institute, 1975.

Wood, A.P. Resettlement of famine victims in Illubabor province, Ethiopia. African Population Mobility Project Working Paper no.28. Liverpool: University of Liverpool, 1976.

Wood, A.P. "Farmers response to drought in Ethiopia." In Rehab: drought and famine in Ethiopia, edited by A.M.Hussein, pp.67-87. London: International African Institute, 1976.

POLICY, PLANNING, and DEVELOPMENT

Abdalahi, M. "Mauritania: men do not accept to be the plaything of chance anymore." Ceres FAO Review 40 (1974).

Badolo, A.B.; Ndiaye, A.; Sacko, L.; Sidibe, S.; and Sare, W.M. Programmes de lutte contre la desertification dans la zone Sahelienne. Dakar: Universite de Dakar, 1980.

Baker, R. "Afterwards the need for long-term strategies in areas of pastoral nomadism." Paper presented at Symposium on drought in Africa, London, 19 July, 1973.

Baker, R. "Sahel: an information crisis." Disasters 1, 1(1977): 13-22.

Baumer, M. Pour une strategie de developpement dans les zones Sahelienne et Sudano-sahelienne. New York: UN Sahelian Office, 1973.

Berry, L., and Ford, R.B. "Networks and information systems for dealing with drought." In Botswana drought symposium, edited by M.T.Hinchey, pp.165-172. Gabarone: Botswana Society and Clark University Press, 1979.

Berry, L. Assessment of desertification in the Sudano-Sahelian region 1977-1984. New York: Clark University and UN Sahelian Office, 1983.

Berthet, E. Prevention des famines: l'exemple du Sahel. Ouagougou: Permanent Interstate Committee for Drought Control in the Sahel (CILSS), 1976.

Clark, B., and Shear, D. "International long-term planning for the Sahel." International Development Review 4 (1976):15-20.

Club du Sahel. Drought control and development in the Sahel, situation at the start of the 1980's: overview and prospects. Paris: OECD and CILSS, 1983.

Cooperazione. "The Desert is taking over; can it be stopped?"
Cooperazione, selections from no.42/43 (1984):93-95.

Dakoure, A. "Sahelian drought--there have not been many cases of famine, but our peasants will need a long time to recuperate."
Ceres FAO Review 34(1973):55-58.

FAO. Report on the Sahelian zone: a survey of the problem of the Sahelian zone with a view to drawing up a long-term strategy and a programme for protection, restoration and development. Rome: FAO/SIDA, 1974.

Gamborotta, H. "Sahel region: splendour yesterday, famine today, what will happen tomorrow?" Africa Development 5, 1(1980):6-38.

Giri, J. An Analysis and synthesis of long-term development strategies for the Sahel. Paris: OECD, 1976.

Glantz, M.H. "Man, state, and the environment: an inquiry into whether solutions to desertification in the West African Sahel are known, but not applied." Canadian Journal of Development Studies 1, 1(1980):75-97.

Gould, P. "Famine as a spatial crisis: programming food to the Sahel." In Famine as a Geographical Phenomenon, edited by B.Currey, and G.Hugo, pp.135-154. Dordrecht, Holland: D.Reidel Publishing Co., 1984.

Holt, J. "Famine prevention in Africa: conference workshop held in Kinshasa, Zaire, 6 January 1980." Disasters 4, 2(1980):133-137.

Jeanneret, C.A. "Quelle strategie pour le Sahel? La difficile harmonisation de la strategie du CILSS et du Clube du Sahel avec les plans de developpement nationaux des pays sahelians." Canadian Journal of African Studies 16, 3(1982):443-477.

Lateff, N.V. Crisis in the Sahel: a case study in development cooperation. Boulder, Col.: Westview Press, 1980.

Luker, K.A. "A food programme for drought-stricken Niger." Nursing Times, 6 March 1975, pp.368-370.

North-South Institute. After the cameras leave: the long-term crisis in Africa conference report. Ottawa: North-South Institute, 1985.

Picardi, A.C. Framework for evaluating long-term strategies for the development of the Sahel-Sudan region. Cambridge, Ma.: Massachusetts Institute of Technology, Center for Policy Alternatives, 1974.

Preble, R., and Rumph, E. Assessment of problems and needs for water supplies at Ethiopian drought victim camps. Water and Sanitation for Health Project Report no.138. Arlington, Va.: WASH, 1984.

Raynaut, C. "Les lecons d'une crise." In Drought in Africa 2, edited by D.Dalby, R.J.Harrison-Church, and F.Bezzaz, pp.3-16. London: International African Institute, 1977.

Salifou, A. Crise alimentaire au Niger: les lecons du passe. Dakar: Institut Africain de Developpement economique et de planification, 1974.

Shear, D., and Stacy, R. "Can the Sahel survive? Prospects for long-term planning and development." In The Politics of natural disasters, edited by M.Glantz, pp.128-144. New York: Praeger Publishers, 1976.

Somerville, C.M. "North-South and South-South cooperation in a Sahelian regional organization: the Comite Permanent Interetats de Lutte Contre la Secheresse dans le Sahel." Ph.D. dissertation, University of Michigan, 1982.

United Nations. Report of the United Nations Conference on Desertification, Nairobi 1977. New York: U.N., 1977.

United Nations Development Programme. Drought in Africa: a report by the UNDP. New York: U.N., 1975.

United Nations Development Programme. Drought in Africa. New York: UNDP, 1977.

United Nations Economic Commission on Africa (ECA). ECA ongoing activities and proposed role in medium and long-term programmes in the drought affected countries of the Sudano-Sahelian zone. Addis Ababa: ECA, 1973.

United Nations Economic Commission on Africa. Food situation in Africa: towards an African food development plan. Addis Ababa: ECA, 1974.

United Nations Environment Programme. UN Conference on Desertification: plan of action to combat desertification. Nairobi: UNEP, 1978.

United Nations Environment Programme. Special report on desertification. Nairobi: UNEP, 1984.

U.S. Agency for International Development. Sahel development program: annual report to Congress. Washington, D.C.: USAID, 1979.

U.S. Agency for International Development. Report to Congress: a comprehensive proposal for designing a long-term development program for the Sahel. Washington, D.C.: USAID, 1976.

Watts, M.J. "Pre-disaster planning and the Nigerian drought." In The Aftermath of the 1972-1974 drought in Nigeria, edited by G.J. Van Apeldoorn, pp. 186-197. Zaria: Center for Social and Economic Research, Ahmadu Bello University, 1977.

Wetherell, H.I.; Holt, J.; and Richards, F. "Drought in the Sahel: a broader interpretation, with regard to West Africa and Ethiopia." In Botswana drought symposium, edited by M.T. Hinchey, pp. 131-141. Gaborone: Botswana Society and Clark University Press, 1979.

INTERNATIONAL AID and RELIEF

Azbite, M. "A Famine relief operation at Qorem, Ethiopia, in 1966." Disasters 5, 1(1981):6-18.

Boerma, A.H. Aid to the Sudano-Sahelian populations threatened with famine: the emergency relief operation of the United Nations System. Rome: FAO, 1973.

Brown, B.J., Tuthill, J.G.; and Rowe, E.T. International disaster response: the Sahelian experience. Washington, D.C. USAID, 1976.

Brown, D.S. "Drought perceptions and responses of the international donor community." In Drought, famine and population movements in Africa, edited by J.L. Newman, pp.1-13. Syracuse, N.Y.: Syracuse University, 1975.

Chauleur, P. Detresse du Sahel. Ouagadougou: CILSS, 1973.

Dow, T.E. "Famine in Sahel-dilemma for United States aid." Current History 68, 405(1975):197-201.

Dubois, V.D. "Drought in West Africa: Part III. The logistics of relief operations." West Africa Series 15, 3(1974).

El-Khawas, M. "A Reassessment of international relief programs." In The Politics of natural disaster, edited by M. Glantz, pp.77-100. New York: Praeger Publishers, 1976.

Endrst, J. "Secheresse au Sahel: la course reprend contre la famine." Directions du developpement 1, 3(1978):4-5.

Esseks, J.D. "The Food outlook for the Sahel: regaining self-sufficiency or continuing dependence on international aid?" Africa Today 22, 2(1975):45-56.

FAO. Drought in the Sahel: International relief operation 1973-1975. Rome: FAO, 1975.

FAO. Food Policy and Nutrition Division. Famine in Africa.
Rome: FAO, 1981.

FAO. Office for the Sahelian Relief Operation. Drought situation in the Sahelian zone and relief measures undertaken by the UN system.
Rome: FAO, 1973.

FAO. Office for the Sahelian Relief Operation. Drought situation in the Sahelian zone and relief measures undertaken by the UN System.
Rome: FAO, 1974.

FAO. Office for the Sahelian Relief Operation. Drought situation in the Sahelian zone and relief measures undertaken by the UN system.
Rome: FAO, 1975.

FAO. Office for the Sahelian Relief Operation. Summary report of the multi-donor mission to assess the food aid necessary in 1973-1974 for the six drought-stricken Sahelian countries/ Chad, Mali, Mauritania, Niger, Senegal, Upper Volta. Rome: FAO, 1973.

FAO. Office for the Sahelian Relief Operation. Summary report of the multi-donor mission to the seven drought-stricken Sahelian countries/ Chad, Gambia, Mali, Mauritania, Niger, Senegal, Upper Volta. Rome: FAO, 1974.

Gaudio, A. "A trip in drought-stricken Mali." Cooperazione,
selections from no.42/43 (1984):63-69.

Holt, J.F. "Ethiopia: food for work or food for relief." Food Policy
8, 3(1983):187-201.

Howie, C. "The Forgotten famine." Nursing Times 80, 47(1984):18-19.

International Development Research Centre, Communications Division.
Drought, famine, aid and development in Africa: why Canada should take note. Ottawa, Ont.: IDRC, 1984.

International Disaster Institute. "Drought and famine relief in Ethiopia." Disasters 7, 3(1983):164-168.

Mayer, S. "Coping with famine." Foreign Affairs 53, 1(1974):98-120.

Meillassoux, C. "Development or exploitation: is the Sahel famine good business?" Review of African Political Economy 1 (1974):27-33.

Meunier, R. "L'aide d'urgence et les nouveaux projets de developpement." In Secheresse et famines du Sahel vol.I, edited by J.Copans, pp. 109-129. Paris: Maspero, 1975.

Negus, D. "Aid with dignity: helping Malian nomads survive the drought in 1984." Disasters 9, 1(1985):15-17.

Povey, G. World Hunger, health and refugee problems: I. Crisis in West Africa. Hearing before the subcommittee to investigate problems connected with refugees and escapees, pp.3-7. Washington, D.C., 1973.

Sheets, H., and Roger, M. Disaster in the desert: failures of international relief in the West African drought. Washington, D.C.: Carnegie Endowment for International Peace, 1974.

Smith, D.F. U.S. Food aid to Africa. Washington, D.C.:USAID, 1978.

Snow, R. "The Impact of famine relief: unasked questions in Africa." In Famine as a geographical phenomenon, edited by B.Currey, and G.Hugo, pp.155-181. Dordrecht, Holland: D.Reidel Publishing Co., 1984.

Thomson, A.M. "Somali food aid in a long-term emergency." Food Policy 8, 3(1983):209-219.

Ukwu, U.I. "Mobilization of food supplies in drought situations: the role of semi-governmental bodies." In The Aftermath of the 1972-1974 drought in Nigeria, edited by G.J.Van Apeldoorn, pp.208-213. Zaria: Centre for Social and Economic Research, Ahmadu Bello University, 1977.

United Nations Disaster Relief Office. Displaced and drought affected persons in Peoples Republic of Angola: assessment of relief operations during the first emergency phase in Southern provinces. Disaster Assessment and Technical Reports. Geneva: UNDR0, 1983.

United Nations Disaster Relief Office. Drought situation in Northern Ethiopia: report of an inter-agency mission. Disaster Assessment and Technical Reports. Geneva: UNDR0, 1983.

U.S. Agency for International Development. Drought damage and famine in Sub-Sahara Africa. Washington, D.C.: Department of State/ USAID, 1974.

U.S. Agency for International Development. Special report to Congress on the drought situation in Sub-Sahara Africa. Washington, D.C.: USAID, 1975.

U.S. Agency for International Development, Office of U.S. Foreign Disaster Assistance. Mauritania drought, January-October 1978. OFDA Disaster Case Reports. Washington, D.C.: USAID, 1978.

U.S. Agency for International Development, Office of U.S. Foreign Disaster Assistance. Upper Volta drought late 1977 through 1978. OFDA Disaster Case Reports. Washington, D.C.: USAID, 1978.

U.S. Agency for International Development, Office of U.S. Foreign Disaster Assistance. Senegal drought, late 1977-early 1978. OFDA Disaster Case Reports. Washington, D.C.: USAID, 1978.

U.S. Agency for International Development, Office of U.S. Foreign Disaster Assistance. Ethiopia drought/ famine, 1977-1979. OFDA Disaster Case Reports. Washington, D.C.: USAID, 1979.

U.S. Agency for International Development, Office of U.S. Foreign Disaster Assistance. Djibouti drought, 1980. OFDA Disaster Case Reports. Washington, D.C.: USAID, 1980.

U.S. Agency for International Development, Office of U.S. Foreign Disaster Assistance. Ethiopia drought/ epidemic, April-May 1980. OFDA Disaster Case Reports. Washington D.C.: USAID, 1980

U.S. Agency for International Development, Office of the U.S. Foreign Disaster Assistance. Gambia food shortage. OFDA Disaster Case Reports. Washington, D.C.: USAID, 1980.

U.S. Agency for International Development, Office of U.S. Foreign
Disaster Assistance. Kenya famine, May 1980. OFDA Disaster
Case Reports. Washington, D.C.: USAID, 1980.

Wiseberg, L. "An International perspective on the African famines."
In The Politics of natural disaster, edited by M. Glantz, pp.101-127.
New York: Praeger Publishers, 1976.

BIBLIOGRAPHIES

Barres, J.F. Bibliographie analytique sur le Sahel/Analytical bibliography on the Sahel. Rome: FFHC Action for Development, FAO, 1974.

Buchet Frimigacci, M. Bibliographie du programme propose pour l'equipe "Ecologie et Environnement au Sahel". Ouagadougou: CILSS, 1977.

FAO. The Sahelian zone: a selected bibliography for the study of its problems/ La zone Sahelienne: bibliographie selectionee pour l'etude des ses problems. FAO Library Occassional Bibliographies, no.9. Rome: FAO, 1973

INADES. Population et transformation des societes rurales en Afrique de l'ouest: bibliographie. Abidjan, Cote d'Ivoire: INADES, 1981.

Intech, Inc. Bibliography of nutrition in the Sahel. Washington, D.C.: USAID, 1977.

Kostinko, G. Selected bibliography of Clube du Sahel and CILSS documents. Washington, D.C.: Koba Associates, 1979.

Leng, G. Desertification: a bibliography with regional emphasis on Africa. Bremen: Universitaet Bremen, 1982.

Mondot-Bernard, J. Les etudes en nutrition et alimentation dans les pays du Sahel: bibliographie analtique. Paris: Clube du Sahel, 1982.

Organization for Economic Co-operation and Development (OECD). Elements de bibliographie sur la secheresse au Sahel. Paris: OECD, 1976- -. (Annual).

Oxby, C. Pastoral nomads and development. London: International African Institute, 1975.

RESADOC. Notes et analyses bibliographiques/ Réseau Sahélien d'information et de documentation scientifiques et techniques. Bamaka: CILSS/Institut du Sahel, 1980.

Roch, J.; Hubert, B.; Ngyrie, E.; and Richard, P. "Selective bibliography on the famines and the drought in the Sahel". African Environment 1, 2(1975):94-116.

United Nation Environment Programme. UNEP bibliography on desertification. Nairobi: UNEP, 1976.

University of California. Bibliographic data on drought. Riverside: University of California, 1976.

Zachariach, K.C., and Conde, J. Bibliography: demographic aspects of migration in West Africa. Washington, D.C.: World Bank/OECD, 1978.